

Title (en)

Tread for a race tire.

Title (de)

Lauffläche eines Rennreifens.

Title (fr)

Bande de roulement d'un pneumatique de course.

Publication

**EP 0402595 A2 19901219 (EN)**

Application

**EP 90107751 A 19900424**

Priority

US 36599789 A 19890614

Abstract (en)

A tread for a tire having an axis of rotation and an equatorial plane. The tread comprises a plurality of tread elements for contacting a surface. A groove network separates the plurality of tread elements. The groove network includes a pair of axially spaced apart continuous first circumferential grooves located entirely on a first side of the equatorial plane and a pair of axially spaced apart continuous second circumferential grooves located entirely on a second side of the equatorial plane opposite the first side. Each of the first circumferential grooves has a first depth taken in a direction extending radially of the axis of rotation and a first width taken in a direction perpendicular to the first depth in a plane extending radially of the axis of rotation. Each of the second circumferential grooves has a second depth taken in a direction extending radially of the axis of rotation and a second width taken in a direction perpendicular to the second depth in a plane extending radially of the axis of rotation. The second width is at least 1.5 times the first width.

IPC 1-7

**B60C 11/03**; **B60C 11/04**

IPC 8 full level

**B60C 11/03** (2006.01); **B60C 11/04** (2006.01); **B60C 11/11** (2006.01)

CPC (source: EP KR)

**B60C 11/03** (2013.01 - KR); **B60C 11/0304** (2013.01 - EP); **B60C 11/0306** (2013.01 - EP); **B60C 11/033** (2013.01 - EP);  
**B60C 2011/0388** (2013.01 - EP)

Cited by

US8550133B2; US5746849A; FR2735424A1; US6609548B2; EP0689947A3; EP0661178A3; EP0454394A1; AU636970B2; EP2193935A1;  
US2010139826A1; CN101746223A; RU2508994C2; AU2009230798B2; US6796350B1; EP3925796A1; WO9721555A1; WO0107270A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

**EP 0402595 A2 19901219**; **EP 0402595 A3 19910529**; CA 2015225 A1 19901214; JP H0396408 A 19910422; KR 910000398 A 19910129;  
MX 173352 B 19940222

DOCDB simple family (application)

**EP 90107751 A 19900424**; CA 2015225 A 19900424; JP 15007390 A 19900611; KR 900008723 A 19900614; MX 2114490 A 19900613